GOVERNMENT OF INDIA
RURAL DEVELOPMENT
LOK SABHA

UNSTARRED QUESTION NO:1239
ANSWERED ON:03.03.2016
Rubberised Roads under PMGSY
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Will the Minister of RURAL DEVELOPMENT be pleased to state:

(a) whether the Government proposes to use rubber for constructing roads under Pradhan Mantri Gram Sadak Yojana (PMGSY);

(b) if so, details thereof;

(c) whether the Government has conducted any study regarding viability of roads constructed using rubber in the rural areas; and

(d) if so, the details and the findings thereof ?

Answer

MINISTER OF STATE IN THE MINISTRY OF RURAL DEVELOPMENT
(SHRI SUDARSHAN BHAGAT)

(a) to (d): The bituminous surface work of some PMGSY roads is being done using Natural Rubberized Modified Bitumen (NRMB). Government of Kerala has reported that it is using NRMB for construction of road works under PMGSY.

The Ministry of Rural Development has not conducted any specific study on the use of rubber in construction of rural roads. The Central Road Research Institute (CRRI), however, has conducted a study, which has found that Natural Rubberized Modified Bitumen improves the durability of roads by reducing susceptibility towards temperature variations and by improving the desirable properties of bitumen. Hence, roads using NRMB give overall better performance.

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